

# Economic Investments in Pennsylvania



## Office of Building Technology, State and Community Programs (BTS)

BTS works with partners in the private and non-profit sectors and in state and local governments to make the nation's residential and commercial building stock more energy-efficient, comfortable, affordable, and sustainable.

The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.

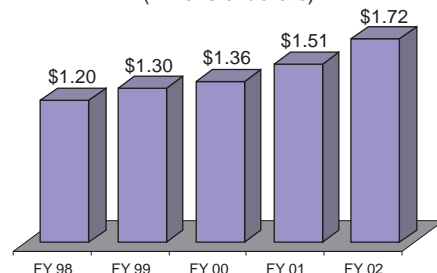


***BTS invested a total of \$33.7 million in Pennsylvania in Fiscal Years 2001 and 2002***



The Pennsylvania Department of Environmental Protection, Office of Pollution Prevention and Compliance Assistance in Harrisburg, through the State Energy Program (SEP), received \$1,508,000 in FY 2001 and \$1,722,000 in FY 2002 for a variety of activities including implementation of the State Energy Plan, improving State Building Energy Codes, and providing public education and awareness efforts (e.g., hotlines, publications, and training).

**Pennsylvania State Energy Program**  
(millions of dollars)



As part of the Building America program, **Integrated Building and Construction Solutions (IBACOS)** in Pittsburgh received \$2.1 million in FY 2002 to lead a consortium of 34 private sector residential builders, designers, material suppliers, equipment manufacturers, financial institutions, and related organizations. IBACOS research results will be used to design and construct thousands of houses in communities throughout the United States. Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.



**Brandegge Inc.** in Pittsburgh received \$440,000 in FY 2002 to provide BTS Communication Strategy through the reformulation and updating of communication strategy, alignment of programmatic outreach and delivery systems, and Energy Smart Schools Communications Consulting.



The Pennsylvania Department of Environmental Protection, Office of Pollution Prevention and Compliance Assistance in Harrisburg received \$200,000 in FY 2002 through the SEP State Formula Grant Program for analysis and review of the State energy plans and related state activities, to conduct survey and interview of key SEP administrators for each State, prepare comprehensive report and conduct regional workshops.

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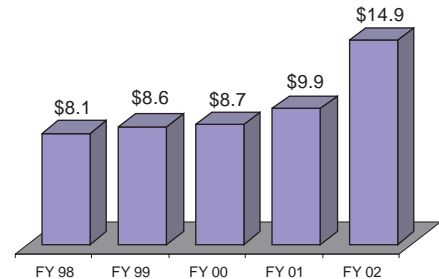
## Office of Building Technology, State and Community Programs (BTS)

America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: its production, distribution, and use affect our environment and health through the emission of carbon dioxide, sulfur dioxide and nitrogen oxides.



The **Weatherization Assistance Program**, through 43 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Pennsylvania residents, especially households with elderly members, individuals with disabilities, and families with children. In FY 2001, Federal funding combined with leveraged state and local resources resulted in the weatherization of approximately 3,725 homes. In FY 2002, Pennsylvania was allocated \$14,892,448 in weatherization funding.

**Pennsylvania Weatherization**  
(millions of dollars)



The **Pennsylvania Department of Environmental Protection, Office of Pollution Prevention and Compliance Assistance in Harrisburg** received \$122,088 in FY 2001 from the SEP Special Projects Office of Codes and Standards to conduct training and other implementation activities in order to realize the full energy savings potential Act 45 represents; to develop a short presentation on green building, materials and methods and code.



The city of **Lancaster**, **Rebuild Philadelphia**, **Rebuild Pittsburgh**, the state of **Pennsylvania**, and the **Township of Marple** received technical assistance from the Rebuild America program valued at a combined total of \$100,000 in FY 2002. This program accelerates energy efficiency improvements in existing commercial, institutional and multifamily residential buildings through private-public partnerships created at the community level. It also assists with business planning, technical product development, marketing, workshops, and training for its partners.



As part of the Building America program, **New Era Building Systems of Chambersburg**, **Nine Mile Run Associates**, **Montgomery & Rust Builders**, **Richard Kacin Builders** and **Heartland Construction of Pittsburgh**, received technical assistance from the Integrated Building and Construction Solutions (IBACOS) Consortium with a combined value of \$40,000 in FY 2002. **Excel Homes of Liverpool** and **Penn-Lyon Homes of Selinsgrove** received technical assistance valued at a combined \$20,000 through the Hickory Consortium in FY 2002 that included planning, design support, and a detailed series of recommendations for improving system performance, quality, comfort, and productivity. Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale.